

RH8 BEAM USER MANUAL

 **ROKHARVLED**



www.rokharvled.co.uk

CE

Please read these operating instructions carefully before operating this light fixture. These instructions contain important information regarding the use and maintenance of the unit. Please keep this manual with the unit for future reference.

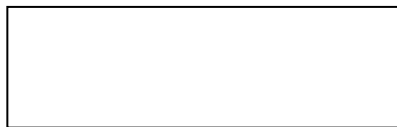
WARNING: to prevent and reduce the risk of electrical shock fire, do not expose this unit to rain or moisture. Never look directly into the beam. Use of controls, adjustments or procedures other than those specified herein may result in hazardous radiation exposure.

Caution:

1. There are no user service parts inside this unit. Do not attempt any repairs yourself. Please refer to qualified service personnel for repairs at ROKHARV LED.
2. Ensure the power outlet matches the required voltage of this unit.
3. Disconnect from the mains supply before making any connections.
4. When mounting this unit ensure proper ventilation is available.
5. This fixture is intended for indoor use only.
6. During long periods of non-use, disconnect the main power.
7. Always use the same lamp and fuse type. Disconnect the fixture from mains power allowing cooling time before replacing any lamps or fuses.
8. Use glass cleaner or soft cloth to wipe down the fixture and beam pods. Please ensure all parts are dry before using.
9. When Mounting/hanging the fixture please ensure this is done by qualified personnel.

Operation:

1. LED Display



A B C D

A= Menu

B= Up

C= Down

D= Enter

The fixture led display can be used to access the following functions. There are 8 different sections within the fixture which will control the actions.

LED Display function table: (All functions accessible by scrolling with menu button then pressing D (Enter) key to confirm)

1.	A001	DMX Mode for address codes (001-512)
2.	D001	Slave Mode (001-512)
3.	CC00	Colour Change (01-99) for transition speed.

4.	CP00	Colour Gradient (01-99) for Velocity gradient.
5.	DE00	Colour Speed Change (01-99) for variable speed pulse.
6.	FF00	Running Changes (01-99) Modifies running speed.
7.	BEB1	Sound to Light programme 1
8.	BEB2	Sound to Light programme 2

2. Operation Modes:

(1) DMX 512 protocol

Addressing

The LED DISPLAY on the rear side of the base allows you to assign the DMX fixture address, which is defined as the first channel from which the item will respond to the controller. If you set, for example, the address to channel 1, the item will use the channel 1 to 10 or 38 for control. Please ensure that you don't have any overlapping channels in order to control each item correctly and independently from any other fixture on the DMX data link. If two, three or more items are addressed similarly, they will work similarly. At DMX mode you can choose the address from 1 to 512. After you connect the fixture to the mains, the fixture will run through a reset mode. When the fixture finishes resetting, A001 or D001 will flash in the led display and then set the desired DMX address by pressing the UP or DOWN buttons.

DMX Controlling:

After having addressed all items, you may now start operating these via your lighting controller. After switching on, the item will automatically detect whether DMX 512 data is received or not.

DMX-512 Channel function :

10-channel mode:

NO. Function Explanation

CH 1 Motor angle

CH 2 Motor speed

CH 3 Total light adjustment

R, G, B, W total dimming, linear dimming from dark to light

CH 4 Total Strobe R, G, B, W total strobe, from slow to fast

CH 5 Function selection

0 - 20: DMX 10 channel control; 21 - 70: Transition; 71 - 120:

Gradient; 121 - 170: Pulse change; 171 - 220: running; 221 -

240: Voice 1; 241 - 255: voice 2

CH 6 Function Speed Feature speeds from slow to fast

CH 7 R dimming R dimming, linear dimming from dark to light

CH 8 G dimming G dimming, linear dimming from dark to light

CH 9 B dimming B dimming, linear dimming from dark to light

CH 10 W dimming W dimming, linear dimming from dark to light

38-channel mode:

Function Explanation

CH 1 Motor Angle

CH 2 Motor speed

CH 3 Light output adjustment

R, G, B, W total dimming, linear dimming from dark to light

CH 4 Total Strobe R, G, B, W total strobe, from slow to fast

CH 5 Function selection

0 - 20: DMX 38 channel control; 21 - 70: Transition; 71 - 120: Gradient; 121 - 170: Pulse change; 171 - 220: running; 221 - 240: Voice 1; 241 - 255: voice 2

CH 6 Function Speed Feature speeds from slow to fast

CH 7 R1 dimming R1 dimming, linear dimming from dark to light

CH 8 G1 dimming G1 dimming, linear dimming from dark to light

CH 9 B1 dimming B1 dimming, linear dimming from dark to light

CH 10 W1 dimming W1 dimming, linear dimming from dark to light

CH 11 R2 dimming R2 dimming, linear dimming from dark to light

CH 12 G2 dimming G2 dimming, linear dimming from dark to light

CH 13 B2 dimming B2 dimming, linear dimming from dark to light

CH 14 W2 dimming W2 dimming, linear dimming from dark to light

。 From here channels 15 to 34 are as above for the next in line beam pods, which enables individual beam control in terms of colour and gradient for colour mixing.

CH 35 R8 dimming R8 dimming, linear dimming from dark to light

CH 36 G8 dimming G8 dimming, linear dimming from dark to light

CH 37 B8 dimming B8 dimming, linear dimming from dark to light

CH 38 W8 dimming W8 dimming, linear dimming from dark to light

(2) Sound active

Press the Menu button, till BEB1 or BEB2 shows on the led display, confirm by pressing ENTER and the fixture will move sound to light, picking up on bass frequencies.

(3) Auto

Press the Menu button, till CC, CP, DE, or FF shows on the led display, confirm by the button ENTER, Then the fixture will run as the program, which shows in the above "LED Function Menu"

(4) Synchronization & master /slave mode

From your MASTER fixture connect DMX OUT to the DMX IN on the fixture(s) you wish to be SLAVE. Select D001 on the SLAVE fixtures and they will copy the functions selected on the MASTER.

TECHNICAL SPECIFICATIONS

Power supply: AC 90-240V, 50/60Hz

Power consumption: 100W

DMX Channels: 10/38CH

DMX-512-connection: 3-pin XLR

Light source: 8*12W RGBW 4 in 1 CREE LEDs

Beam angle: 3.4°

Dimension: 115*16*22cm

Weight: 10.0kg

Please note: Specification is subject to change without prior notice.